JOURNAL OF ORGANOMETALLIC CHEMISTRY, VOL. 338 (1988)

AUTHOR INDEX

Akkerman, O.S., (338)159
Akpan, C.A., (338)C35
Alberte, B., (338)187
Al-Dulaymmi, M.F.M., (338) C31
Antberg, M., (338)319
Antiñolo, A., (338)C17
Asunta, T., (338)55

Baird, M.C., (338)255
Ballester Reventós, L., (338)249
Bannikova, O.B., (338)169
Baukova, T.V., (338)269
Beck, W., (338)113
Behrens, U., (338)29
Bellassoued, M., (338)149
Bickelhaupt, F., (338)159
Billig, W., (338)227
Binger, P., (338)329
Bottomley, F., (338)205
Brandsma, L., (338)289
Brégault, J.-M., (338)C21
Breunig, H.J., (338)181
Bruce, M.I., (338)59, 237
Brune, H.A., (338)119

Carrera, S.M., (338)89
Casas, J.S., (338)187
Castellano, E.E., (338)187
Catlow, A., (338)59
Cifuentes, M.P., (338)237
Clark, G.R., (338)393
Cunningham, D., (338)383

Dahlenburg, L., (338)319
Del Pino, C., (338)89
Derdar, F., (338)C21
Distefano, G., (338)181
Dominguez, R., (338)C7
Dötz, K.H., (338)C11

Eaborn, C., (338)C27
Eisch, J.J., (338)281
Elduque, A., (338)411
Ennigrou, R., (338)149
Eremenko, I.L., (338)369
Erker, G., (338)C4

Fajardo, M., (338)C17
Fakhr, A., (338)C17
Farona, M.F., (338)347
Federič, J., (338)211
Fehlhammer, W.P., (338)223
Flintjer, B., (338)C1
Frosin, K.-M., (338)319
Fuchs, E.P.O., (338)329

Garcia Blanco, S., (338)89
García, E., (338)187
Gasanov, G.Sh., (338)369
Gaudemar, M., (338)149
Gautheron, B., (338)211
Ghazy, T., (338)47
González, A. Sánchez, (338)187
Gostevskii, B.A., (338)169
Grace, D., (338)341
Grandberg, K.J., (338)269
Gresch, E., (338)227
Gusev, O.V., (338)55
Gutiérrez Alonso, A., (338)249

Haase, D., (338)C1
Hayashi, T., (338)261
Hermesdorf, M., (338)329
Herring, A.M., (338)13
Heus-Kloos, Y.A., (338)289
Heydt, H., (338)329
Hitchcock, P.B., (338)C31, C35
Hoffmann, G.G., (338)305
Howell, J.A.S., (338)217
Humphrey, M.G., (338)59, 237

Iglesias, M., (338)89
Inamoto, N., (338)C35
Ito, Y., (338)261

Kalikhman, I.D., (338)169
Kane-Maguire, L.A.P., (338)47
Katugin, A.S., (338)369
Kerschl, S., (338)195
Khanna, P.K., (338)1, 9
Kizas, O.A., (338)81
Kolobova, N.E., (338)81
Koridze, A.A., (338)81
Koskimies, S.H., (338)13
Koutsantonis, G.A., (338)59
Kravtsov, D.N., (338)19, 269, 357
Krivykh, V.V., (338)55
Krüger, C., (338)C4
Kumar, S.K., (338)1

Lickiss, P.D., (338)C27
Lynch, T.J., (338)C7

Malugina, S.G., (338)357
Manning, A.R., (338)383
Marsden, K., (338)393
Martens, J., (338)C1
Martin, C., (338)C21
Martin, J., (338)C21
Mayr, A., (338)223
McArdle, P., (338)383
McNally, G., (338)383
Mercier, J., (338)21
Miyashita, A., (338)103
Mugnier, Y., (338)C17

Nabaoui, H., (338)C17
Niitsu, T., (338)C35
Nixon, J.F., (338)C35
Nohira, H., (338)103
Novikova, L.N., (338)19

Ohyoshi, M., (338)103
Oprunenko, Yu.F., (338)357
Orazsakhatov, B., (338)369
Oro, L.A., (338)411
Otero, A., (338)C17

Palkovits, H., (338)119
Pasynskii, A.A., (338)369
Patt, D., (338)227
Perevalova, E.G., (338)269
Pestunovich, V.A., (338)169
Petrovskii, P.V., (338)81
Pinillos, M.T., (338)411
Pino, C. del, (338)89
Poczman, E., (338)237
Pohl, S., (338)C1

Regitz, M., (338)329
Richards, R.L., (338)C31
Rickard, C.E.F., (338)393
Rise, F., (338)341
Roper, W.R., (338)393
Ros, J., (338)89
Rösch, W., (338)329
Rott, J., (338)C11
Royo, P., (338)C17
Rybinskaya, M.I., (338)55

Sabade, M.B., (338)347
Saito, K., (338)265
Sánchez González, A., (338)187
Savignac, P., (338)295
Schlund, R., (338)C4
Schmidtberg, G., (338)119
Schnurr, W., (338)329
Shaw, B.L., (338)13
Shestakov, A.F., (338)369
Shitara, H., (338)103
Shklover, V.E., (338)369
Simmie, J.M., (338)383
Singer, H., (338)227
Singh, H.B., (338)1, 9
Singh, S., (338)255
Slovokhotov, Yu.L., (338)269
Snow, M.R., (338)59, 237
Sordo, J., (338)187
Stolzenberg, H., (338)223
Struchkov, Yu.T., (338)81 269, 369
Sutin, L., (338)205
Szepes, L., (338)181

Taylor, A.D., (338)C27
Teulade, M.-P., (338)295
Tiekink, E.R.T., (338)59, 237
Tirvengadum, M.-C., (338)217
Töfke, S., (338)29
Toma, Š., (338)211

Undheim, K., (338)341
Ustynyuk, N.A., (338)19, 357
Ustynyuk, Yu., (338)19
Ustynyuk, Yu.A., (338)357
Verkruijsse, H.D., (338)289
Voronkov, M.G., (338)169

Walton, G., (338)217
Wang, F., (338)C7
Weidenbruch, M., (338)C1
Weigand, W., (338)113
Wendt, J., (338)227
White, P.S., (338)205
Wrackmeyer, B., (338)195
Wright, L.J., (338)393

Yamamoto, A., (338)261
Yanovsky, A.I., (338)81
Yoshifuji, M., (338)C35
Young, R.N., (338)139
Youngs, W.J., (338)347

Zanathy, L., (338)181
Zarate, E.A., (338)347
Ziegler, U., (338)119
Zvorykin, V.E., (338)19

Journal of organometallic chemistry, vol. 338 (1988)

SUBJECT INDEX

Antimony

Diphenyltrimethylsilyl-amine, -phosphine, -arsine, and -stibine, UV photoelectron spectroscopy of (G. Distefano, L. Zanathy, L. Szepes, H.J. Breunig), (338) 181

Arsenic

Diphenyltrimethylsilyl-amine, -phosphine, -arsine, and -stibine, UV photoelectron spectroscopy of (G. Distefano, L. Zanathy, L. Szepes, H.J. Breunig), (338) 181

Boron

cis-Dimethyl(chloro)stannyldiethylborylalkene, exchange reactions with organyltrimethylstannanes of (S. Kerschl, B. Wrackmeyer) (338) 195

Chromium

η^6-Benzenetricarbonylchromium analogues of chalcones, preparation of (J. Federič, Š. Toma, B. Gautheron), (338) 211

Diamagnetic heterometallic clusters with a $CrCo_2$ butterfly frame, $(RC_5H_4)_2Cr_2(\mu_3\text{-}S)_2(\mu_4\text{-}S)Co_2(CO)_4$ synthesis and molecular structure of (I.L. Eremenko, A.A. Pasynskii, B. Orazsakhatov, A.F. Shestakov, G.Sh. Gasanov, A.S. Katugin, Yu.T. Struchkov, V.E. Shklover), (338) 369

1,1-Dimethylindene, spirocyclopropane-1,1-indene and spirocyclopropane-9,9-fluorene, reactions with $L_3M(CO)_3$ ($L = NH_3$, Py; M = Cr, Mo, W) of (N.A. Ustynyuk, L.N. Novikova, V.E. Zvorykin, D.N. Kravtsov, Yu. Ustynyuk), (338) 19

Hetero-dinuclear azulene complexes, preparation and characterisation of (S. Töfke, U. Behrens), (338) 29

$[M(CO)_4\{(Ph_2P)_2C{=}CH_2\}]$ (M = W, Mo, Cr), conjugate additions of functionalised carbanions to the vinylidene groups of (A.M. Herring, S.H. Koskimies, B.L. Shaw), (338) 13

Naphthalenetricarbonylchromium complexes, interring $\eta^6 \rightleftharpoons \eta^6$ haptotropic rearrangements in (Yu.F. Oprunenko, S.G. Malugina, Yu.A. Ustynyuk, N.A. Ustynyuk, D.N. Kravtzov), (338) 357

Cobalt

Diamagnetic heterometallic clusters with a $CrCo_2$ butterfly frame, $(RC_5H_4)_2Cr_2(\mu_3\text{-}S)_2(\mu_4\text{-}S)Co_2(CO)_4$, synthesis and molecular structure of (I.L. Eremenko, A.A. Pasynskii, B. Orazsakhatov, A.F. Shestakov, G.Sh. Gasanov, A.S. Katugin, Yu.T. Struchkov, V.E. Shklover), (338) 369

Germanium

1,3-Dilithiopropanes: dimethylbis(α-lithiobenzyl)-silane and -germane, synthesis and applications of (O.S. Akkerman, F. Bickelhaupt), (338) 159

Gold

Fluorenyl(triphenylphosphine)gold(I), synthesis and structure of (Yu.T. Struchkov, Yu.L. Slovokhotov, D.N. Kravtsov, T.V. Baukova, E.G. Perevalova, K.J. Grandberg), (338) 269

Hafnium

Hafnacyclopentadiene unsymmetrically substituted compounds, synthesis and structure of (M.B. Sabade, M.F. Farona, E.A. Zarate, W.J. Youngs), (338) 347

Indium

Alkyl- and aryl-thioindanes, preparation and properties of (G.G. Hoffmann), (338) 305

Iron

Allyl cationic complexes from trinuclear carbonyl clusters of iron, ruthenium and osmium, synthesis of (V.V. Krivykh, T. Asunta, O.V. Gusev, M.I. Rybinskaya), (338) 55

(Diene)$Fe(CO)_2PR_3$ and [(dienyl)$Fe(CO)_2$-PR_3]X complexes, altered reactivity towards electrophiles and nucleophiles of (J.A.S. Howell, M.-C. Tirvengadum, G. Walton), (338) 217

$[Fe(CO)_3(1-5)$-η-$C_6H_7)]^+$, extended nucleophilicity scale for nucleophilic addition to (T. Ghazy, L.A.P. Kane-Maguire), (338) 47

cis-$FeH_2[P(CH_2CH_2CH_2PMe_2)_3]$, synthesis and reactions of (M. Antberg, K.M. Frosin, L. Dahlenburg), (338) 319

Ferrocene, ligand exchange with methyl- and ethyl-substituted naphthalenes of (W. Billig, J. Wendt, D. Patt, E. Gresch, H. Singer), (338) 227

Ferrodithiocarboxylic acid, synthesis of (A. Mayr, H. Stolzenberg, W.P. Fehlhammer), (338) 223

Hetero-dinuclear azulene complexes, preparation and characterisation of (S. Töfke, U. Behrens), (338) 29

Sulphuryl chloride, reactions with $[Fe_2(\eta$-$C_5H_5)_2(CO)_{4-n}(CNMe)_n]$ ($n = 0$, 1, 2, 4) and related complexes; structure of $[Fe(\eta^5$-$C_9H_7)(CO)_3][FeCl_4]$ (A.R. Manning, G. McNally, D. Cunningham, P. McArdle, J.M. Simmie), (338) 383

2,4,6-Tri-t-butyldiphosphaallene, ArP=C=PAr (Ar = 2,4,6-t-$Bu_3C_6H_2$), hydrogen modes migration in reactions with $[W(CO)_5(THF)]$ and $[Fe_3(CO)_{12}]$ of; crystal structure of $[Fe_2(CO)_6(ArP{=}CHPCH_2(CMe_2)C_6H_2$-t-$Bu_2)]$ (C.A. Akpan, P.B. Hitchcock, J.F. Nixon, M. Yoshifuji, T. Niitsu, N. Inamoto), (338) C35

Lithium

Acetylenic ketones, efficient method for synthesis of (H.D. Verkruijsse, Y.A. Heus-Kloos, L. Brandsma), (338) 289

Bis(diphenylphosphino)methanide ion, stabilization by bridging octadienyldirhenium of (R. Dominguez, T.J. Lynch, F. Wang), (338) C7

1,1-Bis(trimethylsiloxy)-1,3-butadiene and trimethylsilyl 4-trimethylsilyl-2-buten-2-oate, preparation and reactions with benzaldehyde of (M. Bellassoued, R. Ennigrou, M. Gaudemar), (338) 149

1,3-Dilithiopropanes: dimethylbis(α-lithiobenzyl)-silane and -germane, synthesis and applications of (O.S. Akkerman, F. Bickelhaupt), (338) 159

Ethynyltriisopropoxytitanium reactions with pyrimidinones (F. Rise, D. Grace, K. Undheim), (338) 341

α-Lithiated-*O*,*O*-diethyltrimethylchloromethylphosphonate, preparation and properties of (M.-P. Teulade, P. Savignac), (338) 295

1-Phenyl-3-biphenyl-2-azaallyl-lithium and -sodium, ion pairing and kinetics of *cis,trans* to *trans,trans* isomerisation in (R.N. Young), (338) 139

Metallocenes

Ferrocene, ligand exchange with methyl- and ethyl-substituted naphthalenes of (W. Billig, J. Wendt, D. Patt, E. Gresch, H. Singer), (338) 227

Titanocenyl-substituted dimethyl ether, open-chain molecular structure of (G. Erker, R. Schlund, C. Krüger), (338) C4

Molybdenum

1,1-Dimethylindene, spirocyclopropane-1,1-indene and spirocyclopropane-9,9-fluorene, reactions with $L_3M(CO)_3$ (L = NH_3, Py; M = Cr, Mo, W) of (N.A. Ustynyuk, L.N. Novikova, V.E. Zvorykin, D.N. Kravtsov, Yu. Ustynyuk), (338) 19

Hetero-dinuclear azulene complexes, preparation and characterisation of (S. Töfke, U. Behrens), (338) 29

$[M(CO)_4\{(Ph_2P)_2C{=}CH_2\}]$ (M = W, Mo, Cr), conjugate additions of functionalised carbanions to the vinylidene groups of (A.M. Herring, S.H. Koskimies, B.L. Shaw), (338) 13

Tetramethyl(alkyl- and alkenyl-)cyclopentadienylmolybdenum complexes, preparation of (K.H. Dötz, J. Rott), (338) C11

Nickel

Metallacyclobutane-nickel and -palladium complexes, preparation and properties of (A. Miyashita, M. Ohyoshi, H. Shitara, H. Nohira), (338) 103

Niobium

Bis(trimethylsilylcyclopentadienyl)dichloroniobium, electrogeneration of the anionic Nb^V complex of (H. Nabaoui, A. Fakhr, Y. Mugnier, A. Antiñolo, M. Fajardo, A. Otero, P. Royo), (338) C17

Osmium

Allyl cationic complexes from trinuclear carbonyl clusters of iron, ruthenium and osmium, synthesis of (V.V. Krivykh, T. Asunta, O.V. Gusev, M.I. Rybinskaya), (338) 55

Chalcocarbonyl complexes, $OsCl_2(CO)(CE)(PPh_3)_2$ (E = S, Se, Te), synthesis and structure of (G.R. Clark, K. Marsden, C.E.F. Rickard, W.R. Roper, L.J. Wright), (338) 393

$Os_3H(CO)_9(L)(\mu\text{-}\eta^2\text{-}C{\equiv}CPh)$ (L = CO, PMe_2Ph) clusters, intramolecular rearrangement of the bridging σ,π-acetylide ligand in; crystal structure of $Os_3H(CO)_9(PMe_2Ph)(\mu\text{-}\eta^2\text{-}C{\equiv}CPh)$ (A.A. Koridze, O.A. Kizas, P.V. Petrovskii, N.E. Kolobova, Yu.T. Struchkov, A.I. Yanovsky), (338) 81

Palladium

Acetylacetonato(π-allyl)palladium optically active complex, stereochemistry and mechanism of ligand-coupling reaction of (T. Hayashi, A. Yamamoto, Y. Ito), (338) 261

Acetylenic ketones, efficient method for synthesis of (H.D. Verkruijsse, Y.A. Heus-Kloos, L. Brandsma), (338) 289

Metal cyanides, *trans*-$(R_3P)_2M(CN)_2$ (M = Pd, Pt; R = Et, Ph), reactions with 1,3-dioxolenium tetrafluoroborate of (W. Weigand, W. Beck), (338) 113

Metallacyclobutane-nickel and -palladium complexes, preparation and properties of (A. Miyashita, M. Ohyoshi, H. Shitara, H. Nohira), (338) 103

Palladium acetate, reaction with tropone and tropilidene derivatives in benzene of (K. Saito), (338) 265

Rhodium(III) and palladium(II) complexes as catalysts for oxidation reactions of 2-methyl-3-buten-2-ol (F. Derdar, J. Martin, C. Martin, J.-M. Brégault, J. Mercier), (338) C21

Phosphorus

Bis(diphenylphosphino)methanide ion, stabilization by bridging octadienyldirhenium of (R. Dominguez, T.J. Lynch, F. Wang), (338) C7

cis- and *trans*-Bis(phenyl)bis(phosphane)-platinum(II) complexes, UV spectroscopic investigations of (H. Palkovits, U. Ziegler, G. Schmidtberg, H.A. Brune), (338) 119

Cyclopentadienylruthenium complexes with sulphur donor ligands; comparative study of reactivity of $Ru(\eta\text{-}RC_5H_4)Cl(L)_2$ (R = H, CH_3, CH_3CO; L = CO, $Ph_2PCH_2CH_2PPh_2/2$, $P(CH_2CH_2CN)_3$) towards anionic (S–S) donor ligands (A. Gutiérrez Alonso, L. Ballister Reventós), (338) 249

$(Diene)Fe(CO)_2PR_3$ and $[(dienyl)Fe(CO)_2{'}PR_3]X$ complexes, altered reactivity towards electrophiles and nucleophiles of (J.A.S. Howell, M.-C. Tirvengadum, G. Walton), (338) 217

Diphenyltrimethylsilyl-amine, -phosphine, -arsine, and -stibine, UV photoelectron spectroscopy of (G. Distefano, L. Zanathy, L. Szepes, H.J. Breunig), (338) 181

cis-$FeH_2[P(CH_2CH_2CH_2PMe_2)_3]$, synthesis and reactions of (M. Antberg, K.-M. Frosin, L. Dahlenburg), (338) 319

Fluorenyl(triphenylphosphine)gold(I), synthesis and structure of (Yu.T. Struchkov, Yu.L. Slovokhotov, D.N. Kravtsov, T.V. Baukova, E.G. Perevalova, K.J. Grandberg), (338) 269

Functionalised diphosphine as (P–N)-binucleating ligand; X-ray structure of $[\{RhCl(BTPE)\}_2][RhCl_4(BTPE)]_2 \cdot x CHCl_3$ (BTPE = $(C_7H_4NS)_2PCH_2CH_2P(C_7H_4NS)_2$) (M.F.M. Al-Dulaymmi, P.B. Hitchcock, R.L. Richards), (338) C31

α-Lithiated *O,O*-diethyltrimethylchloromethylphosphonate, preparation and properties of (M.-P. Teulade, P. Savignac), (338) 295

$[M(CO)_4\{(Ph_2P)_2C{=}CH_2\}]$ (M = W, Mo, Cr), conjugate additions of functionalised carbanions to the vinylidene groups of (A.M. Herring, S.H. Koskimies, B.L. Shaw), (338) 13

Metal cyanides, *trans*-$(R_3P)_2M(CN)_2$ (M = Pd, Pt; R = Et, Ph), reactions with 1,3-dioxolenium tetrafluoroborate of (W. Weigand, W. Beck), (338) 113

Methylidynephosphane, (HC≡P) cycloaddition reagent for 1,3-dipoles (E.P.O. Fuchs, M. Hermesdorf, W. Schnurr, W. Rösch, H. Heydt, M. Regitz, P. Binger), (338) 329

Ru–C(sp^2) bond lengths, effect of chelation on; X-ray structures of $Ru(C_6H_4PPh_2)(PPh_3)(\eta\text{-}C_5H_5) \cdot 0.5CH_2Cl_2$ and $Ru\{C(=CMePH)CH(PPh_2)CH_2PPh_2\}(\eta\text{-}C_5H_5)$ (M.I. Bruce, M.P. Cifuentes, M.G. Humphrey, E. Poczman, M.R. Snow, E.R.T. Tiekink), (338) 237

$Ru\{(Z)\text{-}C(CO_2Me){=}CH(CO_2Me)\}(CO)(PPh_3)(\eta\text{-}C_5H_5) \cdot 0.5EtOH$, $Ru\{(E)\text{-}C(CO_2Me){=}CH(CO_2Me)\}(dppe)(\eta\text{-}C_5H_5)$ and $Ru\{C(CO_2Me){=}C(CO_2Me)C(CO_2Me){=}CH\text{-}$

$(CO_2Me)\}(PPh_3)(\eta\text{-}C_5H_5)$, X-ray structures of (M.I. Bruce, A. Catlow, M.G. Humphrey, G.A. Koutsantonis, M.R. Snow, E.R.T. Tiekink), (338) 59

Ruthenium(0) compounds, substituted ketene elimination from acid chlorides induced by (S. Singh, M.C. Baird), (338) 255

2,4,6-Tri-t-butyldiphosphaallene, ArP=C=PAr (Ar = 2,4,6-t-$Bu_3C_6H_2$), hydrogen modes migration in reactions with $[W(CO)_5(THF)]$ and $[Fe_3(CO)_{12}]$ of; crystal structure of $[Fe_2(CO)_6(ArP{=}CHPCH_2(CMe_2)C_6H_2\text{-}t\text{-}Bu_2)]$ (C.A. Akpan, P.B. Hitchcock, J.F. Nixon, M. Yoshifuji, T. Niitsu, N. Inamoto), (338) C35

Platinum

cis- and *trans*-Bis(phenyl)bis(phosphane)platinum(II) complexes, UV spectroscopic investigations of (H. Palkovits, U. Ziegler, G. Schmidtberg, H.A. Brune), (338) 119

Metal cyanides, *trans*-$(R_3P)_2M(CN)_2$ (M = Pd, Pt; R = Et, Ph), reactions with 1,3-dioxolenium tetrafluoroborate of (W. Weigand, W. Beck), (338) 113

Rhenium

Bis(diphenylphosphino)methanide ion, stabilisation by bridging octadienyldirhenium of (R. Dominguez, T.J. Lynch, F. Wang), (338) C7

Rhodium

4,5-Dicyano-1,2,3-triazole-rhodium complexes, preparation, properties and reactions of (M.T. Pinillos, A. Elduque, L.A. Oro), (338) 411

Functionalised diphosphine as (P–N)-binucleating ligand; X-ray structure of $[\{RhCl(BTPE)\}_2][RhCl_4(BTPE)]_2 \cdot x CHCl_3$ (BTPE = $(C_7H_4NS)_2PCH_2CH_2P(C_7H_4NS)_2$) (M.F.M. Al-Dulaymmi, P.B. Hitchcock, R.L. Richards), (338) C31

Hetero-dinuclear azulene complexes, preparation and characterisation of (S. Töfke, U. Behrens), (338) 29

Rhodium(III) and palladium(II) complexes as catalysts for oxidation reactions of 2-methyl-3-buten-2-ol (F. Derdar, J. Martin, C. Martin, J.-M. Brégault, J. Mercier), (338) C21

Rhodium dihydride complexes $[RhH_2(R\text{-}DAB)(PR'_3)_2]^+$, reactions with the acetylenes $CH_3OOCC{\equiv}CCOOCH_2$ and $HC{\equiv}CC_6H_5$ of; crystal structure of $[RhC(CO_2CH_3){=}C(CO_2CH_3)C(CO_2CH_3){=}C(CO_2CH_3)(C_6H_{11}N{=}CHCH{=}NC_6H_{11})\{PCH_3(C_6H_5)_2\}H_2O]Cl\text{-}O_4$ (M. Iglesias, C. del Pino, J. Ros, S. García Blanco, S.M. Carrera), (338) 89

Ruthenium

Allyl cationic complexes from trinuclear carbonyl clusters of iron, ruthenium and osmium, synthesis of (V.V. Krivykh, T. Asunta, O.V. Gusev, M.I. Rybinskaya), (338) 55

Cyclopentadienylruthenium complexes with sulphur donor ligands; comparative study of reactivity of $Ru(\eta\text{-}RC_5H_4)Cl(L)_2$ (R = H, CH_3, CH_3CO; L = CO, $Ph_2PCH_2CH_2PPh_2/2$, $P(CH_2CH_2CN)_3$) towards anionic (S–S) donor ligands (A. Gutiérrez Alonso, L. Ballister Reventós), (338) 249

Ru–C(sp^2) bond lengths, effect of chelation on; X-ray structures of $Ru(C_6H_4PPh_2)(PPh_3)(\eta\text{-}C_5H_5) \cdot 0.5CH_2Cl_2$ and $Ru\{C(=CMePH)\text{-}CH(PPh_2)CH_2PPh_2\}(\eta\text{-}C_5H_5)$ (M.I. Bruce, M.P. Cifuentes, M.G. Humphrey, E. Poczman, M.R. Snow, E.R.T. Tiekink), (338) 237

$Ru\{(Z)\text{-}C(CO_2Me){=}CH(CO_2Me)\}(CO)(PPh_3)(\eta\text{-}C_5H_5) \cdot 0.5EtOH$, $Ru\{(E)\text{-}C(CO_2Me){=}CH(CO_2Me)\}(dppe)(\eta\text{-}C_5H_5)$ and $Ru\{C(CO_2Me){=}C(CO_2Me)C(CO_2Me){=}CH(CO_2Me)\}((PPh_3)(\eta\text{-}C_5H_5)$, X-ray structures of (M.I. Bruce, A. Catlow, M.G. Humphrey, G.A. Koutsantonis, M.R. Snow, E.R.T. Tiekink), (338) 59

Ruthenium(0) compounds, substituted ketene elimination from acid chlorides induced by (S. Singh, M.C. Baird), (338) 255

Selenium

Chalcocarbonyl complexes, $OsCl_2(CO)(CE)(PPh_3)_2$ (E = S, Se, Te), synthesis and structures of (G.R. Clark, K. Marsden, C.E.F. Rickard, W.R. Roper, L.J. Wright), (338) 393

Silicon

1,1-Bis(trimethylsiloxy)-1,3-butadiene and trimethylsilyl 4-trimethylsilyl-2-buten-2-oate, preparation and reactions with benzaldehyde of (M. Bellasssoued, R. Ennigrou, M. Gaudemar), (338) 149

Bis(trimethylsilylcyclopentadienyl)dichloroniobium, electrogeneration of the anionic Nb^V complex of (H. Nabaoui, A. Fakhr, Y. Mugnier, A. Antiñolo, M. Fajardo, A. Otero, P. Royo), (338) C17

(*O–Si*)- and (*Cl–Si*)-Chloro[1-(1,1-dimethyl-2-acylhydrazonium)methyl]dimethylsilanes and (*O–Si*)-chloro[2-(1,1-dimethyl-2-acylhydrazino)methyl]dimethylsilanes, synthesis and NMR spectra of (I.D. Kalikhman, V.A. Pestunovich, B.A. Gostevskii, O.B. Bannikova, M.G. Voronkov), (338) 169

1,3-Dilithiopropanes: dimethylbis(α-lithiobenzyl)-silane and -germane, synthesis and applications of (O.S. Akkerman, F. Bickelhaupt), (338) 159

cis-Dimethyl(chloro)stannyldiethylborylalkene, exchange reactions with organyltrimethylstannanes of (S. Kerschl, B. Wrackmeyer), (338) 195

Diphenyltrimethylsilyl-amine, -phosphine, -arsine, and -stibine, UV photoelectron spectroscopy of (G. Distefano, L. Zanathy, L. Szepes, H.J. Breunig), (338) 181

α-Lithiated-*O*,*O*-diethyltrimethylchloromethylphosphonate, preparation and properties of (M.-P. Teulade, P. Savignac), (338) 295

$(Me_3Si)_2C(SiMe_2OCOMe)(SiMe_2Cl)$, nature of anchimeric assistance by acetoxy group in solvolysis of (C. Eaborn, P.D. Lickiss, A.D. Taylor), (338) C27

Methylidynephosphane, (HC≡P), cycloaddition reagent for 1,3-dipoles (E.P.O. Fuchs, M. Hermesdorf, W. Schnurr, W. Rösch, H. Heydt, M. Regitz, P. Binger), (338) 329

Tetra-t-butyldisilene, [2 + 2] cyclo-addition to imine of (M. Weidenbruch, B. Flintjer, S. Pohl, D. Haase, J. Martens), (338) C1

Sodium

1-Phenyl-3-biphenylyl-2-azaallyl-lithium and -sodium, ion pairing and kinetics of *cis,trans* to *trans,trans* isomerisation in (R.N. Young), (338) 139

Tetramethyl(alkyl- and alkenyl-)cyclopentadienylmolybdenum complexes, preparation of (K.H. Dötz, J. Rott), (338) C11

Sulphur

Alkyl- and aryl-thioindanes, preparation and properties of (G.G. Hoffmann), (338) 305

Chalcocarbonyl complexes, $OsCl_2(CO)(CE)(PPh_3)_2$ (E = S, Se, Te), synthesis and structures of (G.R. Clark, K. Marsden, C.E.F. Rickard, W.R. Roper, L.J. Wright), (338) 393

Cyclopentadienylruthenium complexes with sulphur donor ligands; comparative study of reactivity of $Ru(\eta\text{-}RC_5H_4)Cl(L)_2$ (R = H, CH_3, CH_3CO; L = CO, $Ph_2PCH_2CH_2PPh_2/2$, $P(CH_2CH_2CN)_3$) towards anionic (S–S) donor ligands (A. Gutiérrez Alonso, L. Ballister Reventós), (338) 249

Ferrodithiocarboxylic acid, synthesis of (A. Mayr, H. Stolzenberg, W.P. Fehlhammer), (338) 223

Tetramethyl(alkyl- and alkenyl-)cyclopentadienylmolybdenum complexes, preparation of (K.H. Dötz, J. Rott), (338) C11

Tellurium

Chalcocarbonyl complexes, $OsCl_2(CO)(CE)(PPh_3)_2$ (E = S, Se, Te), synthesis and structures of (G.R. Clark, K. Marsden, C.E.F. Rickard, W.R. Roper, L.J. Wright), (338) 393

1,2-Ditellurane, synthesis of (H.B. Singh, P.K. Khanna), (338) 9

3,5-Naphtho-1-telluracyclohexane, synthesis of (H.B. Singh, P.K. Khanna, S.K. Kumar), (338) 1

Tin

Dibromobis(pyrazole)dimethyltin(IV), crystal structure of (B. Alberte, A. Sánchez González, E. García, J.S. Casas, J. Sordo, E.E. Castellano), (338) 187

cis-Dimethyl(chloro)stannyldiethylborylalkene, exchange reactions with organyltrimethylstannanes of (S. Kerschl, B. Wrackmeyer), (338) 195

Titanium

Ethynyltriisopropoxytitanium reactions with pyrimidinones (F. Rise, D. Grace, K. Undheim), (338) 341

Titanocenyl-substituted dimethyl ether, open-chain molecular structure of (G. Erker, R. Schlund, C. Krüger), (338) C4

Tungsten

1,1-Dimethylindene, spirocyclopropane-1,1-indene and spirocyclopropane-9,9-fluorene, reactions with $L_3M(CO)_3$ (L = NH_3, Py; M = Cr, Mo, W) of (N.A. Ustynyuk, L.N. Novikova, V.E. Zvorykin, D.N. Kravtsov, Yu. Ystynyuk), (338) 19

$[M(CO)_4\{(Ph_2P)_2C{=}CH_2\}]$ (M = W, Mo, Cr), conjugate additions of functionalised carbanions to the vinylidene groups of (A.M. Herring, S.H. Koskimies, B.L. Shaw), (338) 13

2,4,6-Tri-t-butyldiphosphaallene, ArP=C=PAr (Ar = 2,4,6-t-$Bu_3C_6H_2$), hydrogen modes migration in reactions with $[W(CO)_5(THF)]$ and $[Fe_3(CO)_{12}]$ of; crystal structure of $[Fe_2(CO)_6(ArP{=}CHPCH_2(CMe_2)C_6H_2\text{-}t\text{-}Bu_2)]$ (C.A. Akpan, P.B. Hitchcock, J.F. Nixon, M. Yoshyifuji, T. Niitsu, N. Inamoto), (338) C35

Vanadium

$[(\eta\text{-}C_5H_5)_2VCl][(\eta\text{-}C_5H_5)VCl_2](\mu\text{-}O)$, preparation and structure of (F. Bottomley, L. Sutin, P.S. White), (338) 205

Zinc

Acetylenic ketones, efficient method for synthesis of (H.D. Verkruijsse, Y.A. Heus-Kloos, L. Brandsma), (338) 289

Book review

Advances in heterocyclic chemistry; edited by A.R. Katritzky, Vol. 41 (D.W. Young), (338) C14

Organolithium compounds/solvated electrons, by N.M. Alpatova, L.I. Krishtalik, A. Maercker, R.S. Mali, N.S. Narasimhan, Y.V. Pleskov, M. Theis (P.A. Chaloner), (338) C38